




# JBL SOLAR TROPIC T5 ULTRA, 45-80 W

T5 sunlight tube for luxuriant aquarium plant growth

Suitable for:  



- Full spectrum, modelled on sunlight, containing all light spectrum components for perfect growth of all aquarium plants
- Easy to install: insert fluorescent T5 tube socket into the fixture and turn until the tube locks into place
- Ideal colour temperature for aquatic plants: 4000 Kelvin – slightly warm light, best colour rendering: colour rendering index 1A – very good. Best possible inhibition of algae: full photosynthetic performance
- Excellent illumination from high lumen output. Scientifically tested by IFM Geomar: full spectrum similar to sunlight
- Colour rendering and full spectrum are guaranteed for 2 years. Includes reminder label for replacement



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## Accessories



**JBL SOLAR REFLECT  
Clip Set**  
Holder for fluorescent tubes



**JBL Clips T5/T8 (Metal)**  
Metal holder für fluorescent  
tubes



**JBL SOLAR Reflect T5/  
T8 - 895-1500 mm**  
Reflector panel for fluorescent  
tube



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## Product information

### Light as energy source

Plants provide the aquarium with the oxygen vital for the aquarium dwellers. Plants prevent algae growth, remove pollutants, provide hiding places and reduce pathogens. The right full-spectrum light is important to achieve full photosynthesis.

### Easy to install

Insert the fluorescent T5 tube socket into the fixture and turn until the tube locks into place.

### Nature as a model


With its light colour and its spectral distribution of the light the tube meets with 4000 K the needs of the plants. It supports their growth and their photosynthetic performance. Perfect plant growth inhibits the growth of algae. The warm light with the colouring render index 1 A means plants and fish present themselves in their natural beauty.

### The full daylight spectrum

JBL full-spectrum tubes create light conditions modelled on nature and reproduce a balanced natural lighting. Tested by the IFM-Geomar Leibnitz-Institut für Meereswissenschaften and rated as very good and "Comparable to natural sunlight". With energy efficiency class A the tube is particularly energy-efficient.

### Correlation between light spectrum and light intensity:

To create a very light tube you only have to intensify the yellow-green spectral range. Adding a little more red and blue will prevent the light from looking too yellow. That's how it is done with most tubes! However, we don't want to illuminate a living room but a planted aquarium with different demands, including ALL the spectral ranges of visible light (rainbow colours) to promote perfect growth. That's why JBL has designed "full-spectrum tubes", which include all the spectral ranges with NOTHING missing. In return they are slightly less light than other fluorescent tubes. The output of a tube is always 100%, but it is important to know which spectral ranges they cover!

Further information	
FAQ	✓
Blog	✓
Press	✓
Laboratory/calculator	✗
Worth reading	✓
Spare parts	✗
Video	✗
GarantiePlus	✗
Instructions	✗
QR code	





# JBL SOLAR TROPIC T5 ULTRA, 45-80 W



## Product details

Article data		
Product name	JBL SOLAR TROPIC T5 ULTRA, 1200mm/54 W	JBL SOLAR TROPIC T5 ULTRA 1450mm/80 W
Art. No.	6176600	6168400
EAN number	4014162617668	4014162616845
EAN as barcode		
Performance	54 W	80 W
Length	1200 mm	1450 mm
Expiry months	-	-
RRP incl. VAT	31,57 €	35,40 €
Base price	-	-
Nominal filling quantity	-	-
Base quantity	1	1
Gross weight	269 g	310 g
Net weight	114 g	140 g
Weight change	1000	1000

Disposal		
Product name	JBL SOLAR TROPIC T5 ULTRA, 1200mm/54 W	JBL SOLAR TROPIC T5 ULTRA 1450mm/80 W
Art. No.	6176600	6168400
Green dot	✓	✓
Group electronic waste	Gas discharge lamps that can be used in private households	Gas discharge lamps that can be used in private households
Disposal weight	114 g	140 g
Battery type	-	-
Battery return	-	-
Battery rechargeable	-	-
Disposal weight battery	-	-
Non-returnable glass	-	-
PPK	155 g	170 g
Plastic small	-	-
Plastic large	-	-
Disposal weight metal	0 g	0 g

Features		
Product name	JBL SOLAR TROPIC T5 ULTRA, 1200mm/54 W	JBL SOLAR TROPIC T5 ULTRA 1450mm/80 W
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Features		
Animal species	Arowana, Artemia, Axolotl, Barbels, Bettas, Bichirs/reedfish, Blowfish, Catfish, Cichlids (South America), Cooter turtles, Crayfish, Danions, Discus, Dwarf shrimps, Flowerhorn, Goldfish, Gouramis, Guppy, Hinged tortoises, Juvenile fish, Killifish, Leopard tortoises, Livebearers, Loaches, Mussels, Newts, Panchaxes, Rainbowfish, Red-footed tortoises, Snails, Spiny eels, Terrapins, Tetra, Tropical terrapins, Tropical tortoises, Veiltails, freshwater butterflyfish, turtle	Arowana, Artemia, Axolotl, Barbels, Bettas, Bichirs/reedfish, Blowfish, Catfish, Cichlids (South America), Cooter turtles, Crayfish, Danions, Discus, Dwarf shrimps, Flowerhorn, Goldfish, Gouramis, Guppy, Hinged tortoises, Juvenile fish, Killifish, Leopard tortoises, Livebearers, Loaches, Mussels, Newts, Panchaxes, Rainbowfish, Red-footed tortoises, Snails, Spiny eels, Terrapins, Tetra, Tropical terrapins, Tropical tortoises, Veiltails, freshwater butterflyfish, turtle
Animal size	For all animal sizes	For all animal sizes
Animal age group	All aquarium fish	All aquarium fish
Volume of habitat	130 cm	150 cm
Material	Glass, metal, inert gas	Glass, metal, inert gas
Food type	-	-
Colour	white	white
Dosage	-	-
Transport conditions	-	-





# JBL SOLAR TROPIC T5 ULTRA, 45-80 W

Electronic label / illuminant		
Product name	JBL SOLAR TROPIC T5 ULTRA, 1200mm/54 W	JBL SOLAR TROPIC T5 ULTRA 1450mm/80 W
Art. No.	6176600	6168400
Ambient temperature	22 °C	22 °C
Start time	1 s	1 s
Mercury	✓	✓
Tube length	1200 mm	1449 mm
Service life	20000 h	20000 h
Lumen	3600 lm	3900 lm
CRI value	90	90
Dimmable	✓	✓
Switching cycles	10000	10000
PAR value	-	-
Energy efficiency class	G	G
UV-A	-	-
UV-B	-	-
UV-C	-	-
Colour temperature	4000 K	4000 K
Base designation	T5	T5

Technical data		
Product name	JBL SOLAR TROPIC T5 ULTRA, 1200mm/54 W	JBL SOLAR TROPIC T5 ULTRA 1450mm/80 W
Art. No.	6176600	6168400
Range in litres	-	-
Range from - to	-	-
Range in days	-	-
Range tank length	-	-
Output in watts	-	-
Output per hour	-	-
Output per day	-	-
Height	-	-
Length	-	-
Width	-	-
Diameter	-	-
Voltage	-	-
For	-	-
T8 26mm (watt)	-	-
T5 16mm (watt)	-	-
Size	-	-
Content for	-	-
Filter container volume	-	-
Volume filter media	-	-
Hose connections pressure/out	-	-
Hose connections suction/in	-	-





Technical data		
Delivery head	-	-





# JBL SOLAR TROPIC T5 ULTRA, 45-80 W

Food type	-
Sub product type	lamps
Dosing	-







**Additional information for the specialist trade sector**

Article data		
Product name	JBL SOLAR TROPIC T5 ULTRA, 1200mm/54 W	JBL SOLAR TROPIC T5 ULTRA 1450mm/80 W
Art. No.	6176600	6168400
VAT	19%	19%
Sales unit (SU)	4	4
Volume packaging	2l	2.6l
Dimensions (l/w/h)	37 mm/44 mm/1276 mm	37 mm/44 mm/1579 mm
Layer	528	528
Pallet	528	528
Category of products	1	1
Customs tariff	85393110	85393110
Country of origin	DE	DE
Type of packaging	Faltschachtel/Karton	Faltschachtel/Karton

PU 1 data		
Product name	JBL SOLAR TROPIC T5 ULTRA, 1200mm/54 W	JBL SOLAR TROPIC T5 ULTRA 1450mm/80 W
Art. No.	6176600	6168400
PU 1 material	cardboard gr	cardboard gr
PU 1 weight	223 g	282 g
PU 1 length	82 mm	82 mm
PU 1 width/depth	69 mm	69 mm
PU 1 height	1285 mm	1585 mm

PU 2 data		
Product name	JBL SOLAR TROPIC T5 ULTRA, 1200mm/54 W	JBL SOLAR TROPIC T5 ULTRA 1450mm/80 W
Art. No.	6176600	6168400
PU 2 material	None	None
PU 2 weight	-	-
PU 2 length	-	-
PU 2 width/depth	-	-
PU 2 height	-	-

Trade data		
Product name	JBL SOLAR TROPIC T5 ULTRA, 1200mm/54 W	JBL SOLAR TROPIC T5 ULTRA 1450mm/80 W
Art. No.	6176600	6168400
Till receipt text	S.Ult.Trop. 54W	S.Ult.Trop. 80W
Shelf placement	-	-

